Enhanced Series

For personal computers and work stations

ES1000C-RM/ ES1500C-RM

* AVR (automatic voltage regulator)
* 8 battery backup outlets
* RJ11/RJ45 protection
* 2U design
* Easy battery replacement procedure
* 1050 Joules energy rating
* 4 hours battery recharge time

* ES1000C-RM/ ES1500C-RM

ESC-RM series offer the highest power capacity and the best equipment protection around. Not only do they protect against blackouts, sags and surges, but with the added feature of AVR (Automatic Voltage Regulator), these UPS products also ensure that only clean and safe currents reach your equipment.

What is AVR?
AVR is the feature that corrects under and over voltages without draining the battery, thus providing extended battery life and most important, allowing the UPS to provide high quality power during unacceptable voltage fluctuations.

Specifications

Model Name	ES1000C-RM	ES1500C-RM
Topology	Line-Interactive	
On-battery Output Waveform	Simulated Sine Wave	
Maximum Capacity	1000VA / 700W	1400VA / 980W
INPUT		
Nominal Input Voltage	100/110/120Vac or 220/230/240Vac*	
Nominal Input Frequency	50Hz / 60Hz Auto Sensing	
Input Voltage Range	Rated Voltage +/- 25%	
Input Protection	Circuit Breaker(US) ; Fuse (IEC)	
OUTPUT		
Nominal Output Voltage	100/110/120Vac or 220/230/240Vac*	
Output Voltage Regulation	Rated Voltage +/- 5% (on battery)	
Transfer Time (Typical)	4 ms	
Automatic Voltage Regulation (AVR)	Yes	
Number of Outlets	8 Battery Backup (US) 8 Battery Backup (IEC)	
PROTECTION		
Data Line Surge Protection	RJ11 / RJ45	
Surge Energy Rating	1050 Joules	
Normal Mode Noise Suppression	Full time EMI/RFI filtering	
BATTERY		
User Replaceable Battery	12V / 7.2Ah x 2	12V / 34W x 2
Typical Backup Time**	40 min	45 min
Recharge Time to 90% (Typical)	< 4 Hours	
ADVANCE WARNING / DIAGNOSTICS		
Front Panel	AC Mode / Battery Mode / Battery Fault	
Audible Alarms	Battery Mode / Battery Fault /Overload	
COMMUNICATIOS INTERFACE		
Communication Port***	RS232	
ENVIRONMENTAL		
Operation Temperature	0~40°C / 32~104°F	
Storage Temperature	-20~60°C / -4~140°F	
Audible Noise	< 40 dBA	
PHYSICAL		
Dimensions (Physical / Packing) (in) (L×W×H) (mm)	16.8 x 16.9 x 3.3 / 21.9 x 21.7 x 8.1 426 x 428 x 84 / 555 x 550 x 205	
Weight (Net / Gross) (lbs) (kg)	38.1 / 44.9 17.3 / 20.4	39 / 45.8 17.7 / 20.8

Specifications are subject to change without notices.

* Models of these nominal voltages are available, however each model is present to certain nominal voltage, which is not user-changeable.

** Typical backup time represents backup time for load equivalent to one PC and one 15" LCD monitor. Values here are for reference only.
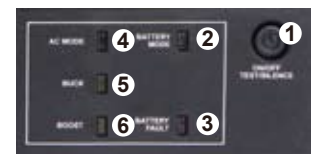
*** You can purchase RS232 to USB cable.

Front Panel

ES1000C-RM/ ES1500C-RM

Rear Panel

ES1000C-RM/ ES1500C-RM

100V/ 110V/ 120V

220V/ 230V/ 240V

1. On/ Off, Test/ Silence
2. Battery Mode
3. Battery Fault
4. AC Mode
5. Buck
6. Boost
7. Communication Port
8. Data Line Protection
9. Battery Backup Outlets
10. Input
11. Input Circuit Breaker

Backup Time (Typical)

ES1000C-RM   1PC+1LCD   40 mins
ES1500C-RM   1PC+1LCD   45 mins

OPTI-UPS
Protect and Serve

| Standby UPS Series | Line Interactive UPS Series | On-Line UPS Series | Stabilizer Series | Inverter Series | Surge Series | Power Storage Series | Networking Series |